

**Flood Control Project Maintenance
Levee Inspections****LMA District Cover Sheet****Spring 2013 Levee Inspection Results****Reclamation District No. 0307 Lisbon**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*

SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2013 Levee Inspection Results

Reclamation District No. 0307 Lisbon

Waterway				Bank	Unit Miles
Unit No. 01 Sacramento River				Right	6.65

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Reclamation District No. 0307 Lisbon

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 01 Sacramento River						Right	6.65	03/07/2013 03/07/2013	Herman Phillips	
LMR No.	Levee Mile		Category	Item	* Location + Rating	Action/Comment	GPS Latitude/Longitude		Issue No.	
	Start	End					Start	End	Photo	
1				Operations & Maintenance Manuals	WS Ma	A		° °	° °	18
DWR ID: DWR_RD0307_01_s_2013_18										
2				Emergency Supplies & Equipment	WS Ma	M		° °	° °	20
DWR ID: DWR_RD0307_01_s_2013_20										
3				Flood Preparedness & Training	WS Ma	M		° °	° °	21
DWR ID: DWR_RD0307_01_s_2013_21										
4	0.00	0.00		Vegetation	WS Ma	M	V1 : Control annual grass and weeds on the levee slopes and easements.	38.480090 ° -121.549508 °	38.480090 ° -121.549080 °	13 Y
DWR ID: DWR_RD0307_01_s_2013_13										
5	0.00	0.00		Vegetation	LS Ma	A	V1 : Control annual grass and weeds on the levee slopes and easements. Inspector Comments: The District has contracted with a spray contractor that will be spraying the levee section both waterward and landward this spring. 2013.	38.480090 ° -121.549508 °	38.480090 ° -121.549508 °	14 Y
DWR ID: DWR_RD0307_01_s_2013_14										
6	0.00	0.00		Vegetation	WSA/W Ma	M	V1 : Control annual grass and weeds on the levee slopes and easements.	38.009891 ° -121.549404 °	38.009891 ° -121.549404 °	55 Y
DWR ID: DWR_RD0307_01_f_2012_55										
7	0.01	0.24		Vegetation	WS Ob	C	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.479803 ° -121.549252 °	38.478010 ° -121.546768 °	24
DWR ID: DWR_RD0307_01_s_2013_24										
8	0.12	1.98		Animal Control	LS Ma	M	A1 : Exterminate rodents and backfill and compact or grout burrows.	38.478802 ° -121.548116 °	38.473036 ° -121.516650 °	9
DWR ID: DWR_RD0307_01_f_2012_9										
9	0.43	0.48		Encroachments	LS Ma	M	EQ : Equipment	38.475674 ° -121.543902 °	38.475261 ° -121.543209 °	10
DWR ID: DWR_RD0307_01_f_2012_10										
10	0.62	0.85		Encroachments	LS En	M	EQ : Equipment	38.474342 ° -121.540933 °	38.473086 ° -121.537135 °	12
DWR ID: DWR_RD0307_01_f_2012_12										
11	0.99	1.03		Vegetation	WS Ma	M	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.472838 ° -121.534543 °	38.472841 ° -121.533857 °	39
DWR ID: DWR_RD0307_01_f_2012_39										
12	1.11	1.12		Vegetation	WS Ma	M	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.472845 ° -121.532344 °	38.472876 ° -121.532321 °	49
DWR ID: DWR_RD0307_01_f_2012_49										
13	1.20	1.20		Encroachments	WS En	M	TR : Tree or limb	38.472883 ° -121.530776 °	38.472883 ° -121.530776 °	25
DWR ID: DWR_RD0307_01_s_2012_25										

* Location	** Rating	+ Issue Type
LS : Land Side	A : Acceptable	Ma : Maintenance Deficiency
WS : Water Side	M : Minimally Acceptable	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	En : Enforcement
	N : Not Inspected/Rated	
	C : Corrected	
	A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Reclamation District No. 0307 Lisbon

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River							Right	6.65	03/07/2013 03/07/2013	Herman Phillips
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
14	1.20	1.31	Supplemental	USACE Erosion Survey	WS	M Ma	Inspector Comments: 2012: Bank is slowly eroding, old rock protection starting to unravel. [2012 Site ID: SAC_48-6_R]	38.473053 ° -121.530465 °	38.473082 ° -121.528437 °	6 Y
DWR ID: DWR_RD0307_01_s_2013_6										
15	1.29	1.29		Trim / Thin Trees	WS	N Ma	T5 : Tree stumps.	38.472871 ° -121.529068 °	38.472871 ° -121.529068 °	51
DWR ID: DWR_RD0307_01_f_2012_51										
16	1.32	1.32		Encroachments	WS	M Ma	TR : Tree or limb	38.472872 ° -121.528601 °	38.472872 ° -121.528600 °	53
DWR ID: DWR_RD0307_01_f_2012_53										
17	1.84	1.84		Encroachments	WS	M Ma	TR : Tree or limb Inspector Comments: Remove the dead tree from waterside slope.	38.473082 ° -121.524072 °	38.473082 ° -121.524072 °	61
DWR ID: DWR_RD0307_01_f_2012_61										
18	2.41	2.45		Vegetation	LS	C En	V6 : Landscaping	38.471328 ° -121.509132 °	38.471045 ° -121.508505 °	16
DWR ID: DWR_RD0307_01_s_2012_16										
19	2.43	2.45		Erosion / Bank Caving	WS	U Ma	E1 : Note and monitor erosion site.	38.471032 ° -121.508317 °	38.470855 ° -121.508026 °	4 Y
DWR ID: DWR_RD0307_01_s_2012_4										
20	2.72	2.72		Trim / Thin Trees	LS	C Ma	T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.	38.467588 ° -121.505815 °	38.467588 ° -121.505815 °	15
DWR ID: DWR_RD0307_01_s_2012_15										
21	2.85	2.88		Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.466096 ° -121.505506 °	38.465674 ° -121.505485 °	17
DWR ID: DWR_RD0307_01_s_2012_17										
22	2.90	2.90		Trim / Thin Trees	LS	M Ma	T2 : Thin trees to allow visibility of the ground and room to flood fight.	38.465507 ° -121.505461 °	38.465507 ° -121.505461 °	2
DWR ID: DWR_RD0307_01_s_2013_2										
23	2.97	2.97		Encroachments	WS	M En	GA : Garbage	38.464436 ° -121.505356 °	38.464436 ° -121.505356 °	3
DWR ID: DWR_RD0307_01_s_2013_3										
24	3.21	3.25		Animal Control	LS	M Ma	A1 : Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: Active rodents in this area. Bait stations not present.	38.460508 ° -121.504697 °	38.460543 ° -121.504646 °	48
DWR ID: DWR_RD0307_01_s_2012_48										
25	3.54	3.56		Animal Control	LS	M Ma	A1 : Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: There are 40-50 holes within a 37-foot section of levee. Some bait needs to be placed here to eradicate the rodents.	38.560402 ° -121.522426 °	38.538456 ° -121.517120 °	1
DWR ID: DWR_RD0307_01_s_2012_1										
26	3.71	3.75		Vegetation	LS	M En	V6 : Landscaping Inspector Comments: The landscaping at this levee mile should be maintained.	38.453975 ° -121.503002 °	38.453432 ° -121.502925 °	30 Y
DWR ID: DWR_RD0307_01_s_2012_30										

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	N : Not Inspected/Rated	
	C : Corrected	
	A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Reclamation District No. 0307 Lisbon

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River				Right	6.65	03/07/2013 03/07/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location * + Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End					Start	End	
27	4.05	4.05		Trim / Thin Trees	LS Ma	T2 : Thin trees to allow visibility of the ground and room to flood fight.	38.448500 ° -121.502638 °	38.448500 ° -121.502638 °	8
DWR ID: DWR_RD0307_01_s_2012_8									
28	4.05	4.10		Vegetation	LS Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.473240 ° -121.521502 °	38.448989 ° -121.502638 °	26
DWR ID: DWR_RD0307_01_s_2012_26									
29	4.07	4.10		Animal Control	LS Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.448875 ° -121.502682 °	38.448468 ° -121.502640 °	23
DWR ID: DWR_RD0307_01_s_2012_23									
30	4.14	4.15		Vegetation	WS Ma	V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Bamboo on waterside slope need to be removed.	38.447197 ° -121.502713 °	38.447053 ° -121.502721 °	60
DWR ID: DWR_RD0307_01_f_2012_60									
31	4.16	4.16		Encroachments	WS Ma	TR : Tree or limb	38.447600 ° -121.502801 °	38.447600 ° -121.502801 °	27
DWR ID: DWR_RD0307_01_s_2012_27									
32	4.27	4.36		Encroachments	LS En	FE : Fence	38.446041 ° -121.502816 °	38.445720 ° -121.503014 °	31
DWR ID: DWR_RD0307_01_s_2012_31									
33	4.36	4.36		Encroachments	LS En	RW : Retaining Wall Inspector Comments: This retaining wall was in place prior to the spring inspection 2013. No CVFPB permit on file.	38.440289 ° -121.503127 °	38.440289 ° -121.503127 °	19 Y
DWR ID: DWR_RD0307_01_s_2013_19									
34	4.37	4.39		Animal Control	LS Ma	A1 : Exterminate rodents and backfill and compact or grout burrows.	° °	° °	58
DWR ID: DWR_RD0307_01_f_2012_58									
35	4.40	4.40		Erosion / Bank Caving	LS Ma	E1 : Note and monitor erosion site.	38.444276 ° -121.503130 °	38.444276 ° -121.503130 °	5
DWR ID: DWR_RD0307_01_s_2013_5									
36	4.43	4.44		Encroachments	LS En	CR : Crops Inspector Comments: There is no permit for these grape plantings and they should be taken off the levee section.	38.443798 ° -121.503320 °	38.443637 ° -121.503323 °	79 Y
DWR ID: DWR_RD0307_01_s_2012_79									
37	4.64	4.68		Encroachments	LS En	LI : Landscape Irrigation Inspector Comments: The property owner at this location has planted 23-plus redwood trees, installed a sprinkler system, built a rock retaining wall, and planted several other trees on the slope and toe of levee section without a CVFPB Permit. District was asked to issue landowner letter to have the encroachment removed when they first planting, waiting for response from District 307.	38.440340 ° -121.505060 °	38.439800 ° -121.505550 °	37 Y
DWR ID: DWR_RD0307_01_s_2012_37									
38	5.10	5.10		Encroachments	WS Ma	TR : Tree or limb	38.436875 ° -121.510705 °	38.436875 ° -121.510705 °	86
DWR ID: DWR_RD0307_01_s_2012_86									

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

Reclamation District No. 0307 Lisbon

M/R No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
39	5.10	5.15		Trim / Thin Trees	LS	C Ma	T1 : Trim trees to at least five feet above ground level.	38.436920 ° -121.510795 °	38.436637 ° -121.511592 °	42
								DWR ID: DWR_RD0307_01_s_2012_42		
40	5.38	5.45		Encroachments	LS	U En	TR : Tree or limb	38.435760 ° -121.515687 °	38.435663 ° -121.516878 °	11
								DWR ID: DWR_RD0307_01_s_2013_11		
41	5.39	5.66		Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Wild berry vines covering slope and toe of levee section.	38.435757 ° -121.515857 °	38.435800 ° -121.521961 °	34
								DWR ID: DWR_RD0307_01_s_2012_34		
42	5.47	5.53		Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.435807 ° -121.516499 °	38.436106 ° -121.519604 °	59
								DWR ID: DWR_RD0307_01_f_2012_59		
43	5.59	5.61		Animal Control	LS	M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: The rodents at this location need to be controlled. Landowner called the Department prior to the last inspection. District was to work with landowner.	38.435661 ° -121.520707 °	38.435689 ° -121.521074 °	38
								DWR ID: DWR_RD0307_01_s_2012_38		
44	5.75	5.79		Vegetation	LS	C Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.435888 ° -121.522462 °	38.435940 ° -121.523173 °	52
								DWR ID: DWR_RD0307_01_s_2012_52		
45	6.19	6.39	Supplemental	USACE Erosion Survey	WS	M Ma	Inspector Comments: 2008 - Large rotational failure in bank and well into the levee slope. Could be a significant problem in the next high flow event. 2009 - Minimal new erosion, site extended upstream. 2010 - Minor new erosion. 2011 - Tree popout has left a large hole. Large slump area. Rock on the bank is failing in some locations. 2012: The toe appears to be scouring out. [2012 Site ID: SAC_43-2_R]	38.434560 ° -121.531159 °	38.432287 ° -121.532978 °	7 Y
								DWR ID: DWR_RD0307_01_s_2013_7		
46	6.43	6.56	Supplemental	USACE Erosion Survey	WS	M Ma	Inspector Comments: 2011 - Erosion pockets likely from tree popouts. This site has been in the inventory before and been fixed with emergency bank rock but continues to fail. 2012: No observed change. [2012 Site ID: SAC_43-1_R]	38.431726 ° -121.533200 °	38.429957 ° -121.533035 °	62 Y
								DWR ID: DWR_RD0307_01_s_2013_62		

* Location	** Rating	+ Issue Type
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	C : Corrected	
	U : Unacceptable	
	A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.65	03/07/2013 03/07/2013	Herman Phillips

Levee Mile Report Line	4
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Water Side
Category	
Item	Vegetation

Looking downstream from levee mile 0.00 at the waterside of the levee section. Photo taken 3-14-2013

phillips_s_20130325_269.JPG



Levee Mile Report Line	5
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Land Side
Category	
Item	Vegetation

Standing at levee mile 0.00 landside levee slope looking downstream of RD 307. Photo taken 3-14-2013.

phillips_s_20130325_270.JPG



Levee Mile Report Line	6
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Water Side
Category	
Item	Vegetation

RD 307 looking downstream from levee mile 0.00 waterside slope. Photo taken 10-18-2012.

phillips_s_20130228_068.jpg



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.65	03/07/2013 03/07/2013	Herman Phillips

Levee Mile Report Line	14
Start Levee Mile	1.20
End Levee Mile	1.31
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #1

phillips_s_20130228_060.jpg



Levee Mile Report Line	14
Start Levee Mile	1.20
End Levee Mile	1.31
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #2

phillips_s_20130228_061.jpg



Levee Mile Report Line	14
Start Levee Mile	1.20
End Levee Mile	1.31
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #3

phillips_s_20130228_062.jpg



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.65	03/07/2013 03/07/2013	Herman Phillips

Levee Mile Report Line	19
Start Levee Mile	2.43
End Levee Mile	2.45
Location	Water Side
Category	
Item	Erosion / Bank Caving

Looking downstream from waterside levee mile 2.43 at erosion on bank, you can't see the erosion very good because of the overgrowth of bamboo. Photo taken 3-18-2011. This site was discovered by the land owner Mr. Borges.

phillips_s_20130228_059.jpg



Levee Mile Report Line	26
Start Levee Mile	3.71
End Levee Mile	3.75
Location	Land Side
Category	
Item	Vegetation

Unsatisfactory growth of vegetation blocking the view of the levee section. Photo taken 10-18-2012.

phillips_s_20130228_066.jpg



Levee Mile Report Line	33
Start Levee Mile	4.36
End Levee Mile	4.36
Location	Land Side
Category	
Item	Encroachments

RD 307 Levee mile 4.37 Retaining wall in the levee toe. Photo taken 2013.

phillips_s_20130404_365.JPG



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.65	03/07/2013 03/07/2013	Herman Phillips

Levee Mile Report Line	36
Start Levee Mile	4.43
End Levee Mile	4.44
Location	Land Side
Category	
Item	Encroachments

Unauthorized plantings on landward levee section has not been removed. District need to send letter to landowner of this encroachment. New photo taken 10-18-2012.

phillips_s_20130228_072.jpg



Levee Mile Report Line	37
Start Levee Mile	4.64
End Levee Mile	4.68
Location	Land Side
Category	
Item	Encroachments

At this location, levee mile 4.64 thru 4.68, some of the unauthorized trees and landscaping as well as a sprinkler system on the slope and toe of the levee section. This photo was taken 3-2012.

phillips_s_20130228_067.jpg



Levee Mile Report Line	45
Start Levee Mile	6.19
End Levee Mile	6.39
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #1

phillips_s_20130228_063.jpg



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.65	03/07/2013 03/07/2013	Herman Phillips

Levee Mile Report Line	45
Start Levee Mile	6.19
End Levee Mile	6.39
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #2

phillips_s_20130228_064.jpg



Levee Mile Report Line	45
Start Levee Mile	6.19
End Levee Mile	6.39
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #3

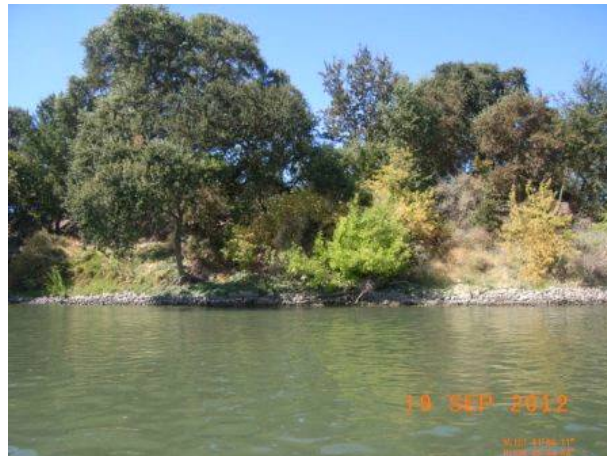
phillips_s_20130228_065.jpg



Levee Mile Report Line	46
Start Levee Mile	6.43
End Levee Mile	6.56
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #1

phillips_s_20130228_069.jpg



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
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Start Levee Mile	6.43
End Levee Mile	6.56
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #2

phillips_s_20130228_070.jpg



Levee Mile Report Line	46
Start Levee Mile	6.43
End Levee Mile	6.56
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #3

phillips_s_20130228_071.jpg

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement